

# Humayun Sharif

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7807211/publications.pdf>

Version: 2024-02-01

12  
papers

1,381  
citations

840119

11  
h-index

1199166

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1904  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural mechanism for NEK7-licensed activation of NLRP3 inflammasome. <i>Nature</i> , 2019, 570, 338-343.	13.7	467
2	HDAC6 mediates an aggresome-like mechanism for NLRP3 and pyrin inflammasome activation. <i>Science</i> , 2020, 369, .	6.0	218
3	Architecture of autoinhibited and active BRAF-MEK1-14-3-3 complexes. <i>Nature</i> , 2019, 575, 545-550.	13.7	197
4	DPP9 sequesters the C-terminus of NLRP1 to repress inflammasome activation. <i>Nature</i> , 2021, 592, 778-783.	13.7	114
5	Structural analysis of the yeast Dhh1-Pat1 complex reveals how Dhh1 engages Pat1, Edc3 and RNA in mutually exclusive interactions. <i>Nucleic Acids Research</i> , 2013, 41, 8377-8390.	6.5	74
6	Cryo-EM structure of the DNA-PK holoenzyme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7367-7372.	3.3	74
7	Architecture of the Lsm1-7-Pat1 Complex: A Conserved Assembly in Eukaryotic mRNA Turnover. <i>Cell Reports</i> , 2013, 5, 283-291.	2.9	73
8	Mechanism of filament formation in UPA-promoted CARD8 and NLRP1 inflammasomes. <i>Nature Communications</i> , 2021, 12, 189.	5.8	48
9	Dipeptidyl peptidase 9 sets a threshold for CARD8 inflammasome formation by sequestering its active C-terminal fragment. <i>Immunity</i> , 2021, 54, 1392-1404.e10.	6.6	47
10	Structures and functions of the inflammasome engine. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 2021-2029.	1.5	35
11	Structural and mechanistic elucidation of inflammasome signaling by cryo-EM. <i>Current Opinion in Structural Biology</i> , 2019, 58, 18-25.	2.6	23
12	Structural insights into the oligomerization of FtsH periplasmic domain from <i>Thermotoga maritima</i> . <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1201-1207.	1.0	2